Appendix B ARA Site Map and PBF Site Map

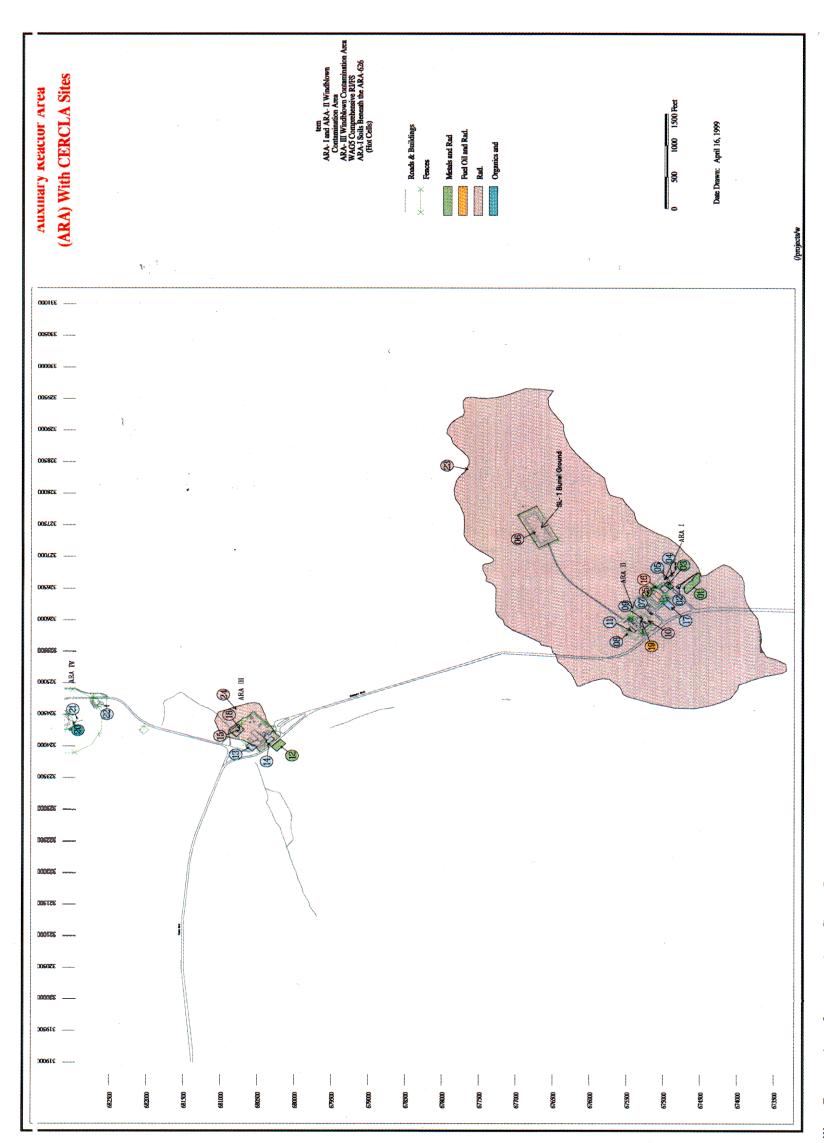


Figure B-1. Map of the Auxiliary Reactor Area for te Area Group 5.

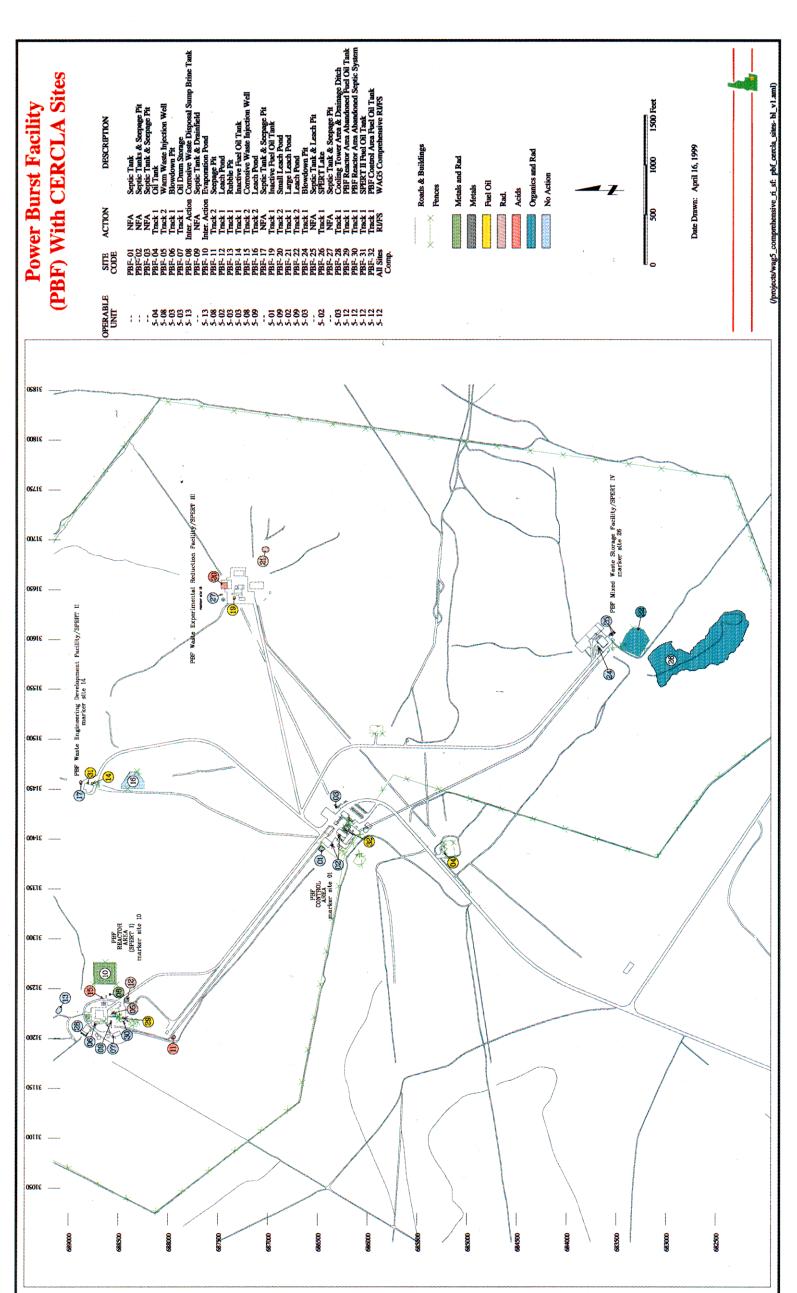


Figure B-2. Map of the Power Burst Facility for Waste Area Group 5.

Appendix C Field Inspection Checklists

| DA | ATE/TIME: July 18, 2002 | | | |
|----|--|--------------------------|--------------|--|
| IN | SPECTOR: | | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> | |
| | Name | Title | Organization | |
| IN | SPECTOR: | | | |
| | Name | Title | Organization | |
| 1. | WASTE SITE ID: ARA-01 | | | |
| 2. | GROUP NUMBER (if applicable) | : 1 | | |
| 3. | SITE DESCRIPTION: ARA-I Ch | emical Evaporation Pond | | |
| 4. | ROD LAND USE: Restrict the site to industrial land use until remediation is implemented as prescribed in the ROD, then reevaluate requirements. Land-use controls would not be required after remediation if all contaminated soil is removed to basalt or if contaminant concentrations are comparable to local background values. Otherwise, institutional controls will be maintained until discontinued based on the results of a 5-year review. | | | |
| 5. | CURRENT LAND USE: Restricte | ed awaiting remediation. | | |
| 6. | CHECK THE INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE: | | | |
| | Visible Access Restrictions: | | | |
| | Warning SignsX | | | |
| | Fencing | <u> </u> | | |
| | Control of Activities | | | |
| | Unauthorized accessX_ | | | |
| | Comprehensive Land Use Plan | X | | |
| | Property lease or transfer restriction | ns | | |
| | IDWR prohibition on wells | <u></u> | | |
| | Notice to affected stakeholders (if | applicable) | _ | |

C-3

| | Visible Access Restrictions: |
|-----|--|
| | Warning SignsX |
| | Fencing |
| | Control of ActivitiesX |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictions |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: Remedial design has been completed. Awaiting remedial action to commence in 2003. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoneEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes _EXPLAIN _CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN One avenue of approach with sign posted. |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED? N/A |
| 17. | ARE FENCES INTACT (if applicable)?N/AEXPLAIN |

| 10. | ARE REQUIRED BOUNDARY MONUMENTSN/A EXPLAIN | | |
|---|---|---|--|
| 19. | 9. ARE MONITORING WELLS [IDENTIFIED IN THE MAP PROVIDED IN THE GROUNDWATER MONITORING REPORT (DOE-ID 2000b)] LOCKED (if applicable)?N/A | | |
| 20. | ARE ANY NON-CERCLA WELLS (DOE-ID 200 RESTRICTION AREA? IF YES, DESCRIBE THOPERATE UNDER. | | |
| | N/A | | |
| 21. | ARE SITE VISITORS CONTROLLED THROUGONLY IC RESTRICTION AREA?Yes | | |
| 22. | ARE WORKERS IN RADIOLOGICALLY CONTAPPROVED WORK PERMIT?Yes | TROLLED IC AREAS OPERATING UNDER AN | |
| 23. | ARE ONLY DOE-RAD WORKER TRAINED IN RADIOLOGICALLY CONTROLLED AREAS? | | |
| 24. ARE DOE-ID DIRECTIVES AND PROCEDURES IMPLEMENTING IC RESTRICTIONS IN PLACE?YesLIST THE APPLICABLE DOE-ID DIRECTIVES AND PROCEDURES: | | | |
| | TYPE (DOE-ID Directive, Management | NUMBER/TITLE | |
| | Control Procedure, Plan, Etc.) | NUMBER/IIILE | |
| | ` ' | DOE/ID-10805 | |
| | Control Procedure, Plan, Etc.) | | |
| | Control Procedure, Plan, Etc.) | | |
| 25. | Control Procedure, Plan, Etc.) O&M Plan for OU 5-12 | DOE/ID-10805 | |
| 25. | Control Procedure, Plan, Etc.) | DOE/ID-10805 | |
| | Control Procedure, Plan, Etc.) O&M Plan for OU 5-12 HAVE REQUIRED NOTICES BEEN SENT TO A | DOE/ID-10805 | |
| <u>DF</u> | Control Procedure, Plan, Etc.) O&M Plan for OU 5-12 HAVE REQUIRED NOTICES BEEN SENT TO A APPLICABLE)?N/A | DOE/ID-10805 AFFECTED STAKEHOLDERS (IF NCIES AND WHAT EFFORTS OR MEASURES CT PROBLEMS:No Deficiencies | |

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| (Signature on File) | |
|---------------------|------|
| nspector signature | Date |
| | |
| Inspector signature | Date |

| DA | YTE/TIME: July 18, 2002 | | |
|----|---|-------------------------|---|
| IN | SPECTOR: | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> |
| | Name | Title | Organization |
| IN | SPECTOR: | | |
| | Name | Title | Organization |
| 1. | WASTE SITE ID: ARA-02 | | |
| 2. | GROUP NUMBER (if applicable): 1 | | |
| 3. | SITE DESCRIPTION: ARA-I Sanita | ary Waste System | |
| 4. | ROD LAND USE: Restrict the site to industrial land use until remediation is implemented as prescribed in the ROD, then reevaluate requirements. Land-use controls would not be required after remediation if all contaminated sludge is removed to basalt or if contaminant concentrations are comparable to local background values for soil. Otherwise, institutional controls will be maintained until discontinued based on the results of a 5-year review. | | would not be required after nant concentrations are |
| 5. | CURRENT LAND USE: No restricti | ons | |
| 6. | CHECK THE INSTITUTIONAL CO | NTROLS REQUIRED FOR THE | SITE: |
| | Visible Access Restrictions: | | |
| | Warning SignsX | | |
| | Fencing | _ | |
| | Control of Activities | | |
| | Unauthorized accessX | | |
| | Comprehensive Land Use Plan | X | |
| | Property lease or transfer restrictions | | |
| | IDWR prohibition on wells | | |
| | Notice to affected stakeholders (if app | olicable) | |

| | Visible Access Restrictions: |
|-----|--|
| | Warning SignsX |
| | Fencing |
| | Control of ActivitiesX |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictions |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: Remedial design and remedial action has been completed. Institutional controls will remain in effect until 5-year review. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes_EXPLAIN_CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA? _Yes_ EXPLAIN One avenue of approach with sign posted. |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED? N/A |
| 17. | ARE FENCES INTACT (if applicable)?N/AEXPLAIN |

| TYPE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE | |
|---|--------------|--|
| O&M Plan for OU 5-12 | DOE/ID-10805 | |
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| (Signature on File) | |
| Inspector signature | Date |
| | |
| Inspector signature | Date |

| DA | ATE/TIME: July 18, 2002 | | |
|----|--|-----------------------------|--------------|
| IN | SPECTOR: | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> |
| | Name | Title | Organization |
| IN | SPECTOR: | | |
| | Name | Title | Organization |
| 1. | WASTE SITE ID: ARA-03 | | |
| 2. | GROUP NUMBER (if applicable): | 1 | |
| 3. | SITE DESCRIPTION: ARA-I Lead | l Sheeting Pad near ARA-627 | |
| 4. | ROD LAND USE: Restrict the site to industrial land use until discontinued based on the results of a 5-year review. | | |
| 5. | 5. CURRENT LAND USE: Industrial land use pending 5-year review. | | |
| 6. | CHECK THE INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE: | | |
| | Visible Access Restrictions: | | |
| | Warning SignsX | | |
| | FencingX | | |
| | Control of ActivitiesX | | |
| | Unauthorized accessX | | |
| | Comprehensive Land Use Plan | _X | |
| | Property lease or transfer restriction | S | |
| | IDWR prohibition on wells | | |
| | Notice to affected stakeholders (if a | pplicable) | _ |
| 7. | CHECK THE INSTITUTIONAL C | ONTROLS OBSERVED FOR TH | E SITE: |
| | Visible Access Restrictions: | | |

| | Warning SignsX |
|-----|--|
| | FencingX |
| | Control of ActivitiesX |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictions |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: No specific remedial actions planned for this site. The remedial design for the ARA-23 surface contaminated soils has been completed with the remedial action scheduled for 2003. Institutional controls will remain in effect until 5-year review. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes _EXPLAIN _CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN One avenue of approach with sign posted. |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED?Radiological fencing in place. No locks required |
| 17. | ARE FENCES INTACT (if applicable)?YesEXPLAINRadiological fencing in place |
| 18. | ARE REQUIRED BOUNDARY MONUMENTS INTACT AND READABLE (if applicable)? N/A EXPLAIN |
| | |

| 19. | ARE MONITORING WELLS [IDENTIFIED IN TO GROUNDWATER MONITORING REPORT (DC applicable)?N/A | DE-ID 2000b)] LOCKED (if |
|-----------|--|-------------------------------------|
| 20. | ARE ANY NON-CERCLA WELLS (DOE-ID 200 RESTRICTION AREA? IF YES, DESCRIBE THOPERATE UNDER. | |
| | N/A | |
| 21. | ARE SITE VISITORS CONTROLLED THROUGONLY IC RESTRICTION AREA?Yes | |
| 22. | ARE WORKERS IN RADIOLOGICALLY CONTAPPROVED WORK PERMIT? _Yes | TROLLED IC AREAS OPERATING UNDER AN |
| 23. | ARE ONLY DOE-RAD WORKER TRAINED IN RADIOLOGICALLY CONTROLLED AREAS? | |
| 24. | ARE DOE-ID DIRECTIVES AND PROCEDURE PLACE?YesLIST THE APPLICABLE | |
| | TYPE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE |
| | O&M Plan for OU 5-12 | DOE/ID-10805 |
| | | |
| | | |
| | | |
| 25. | HAVE REQUIRED NOTICES BEEN SENT TO A APPLICABLE)?N/A | AFFECTED STAKEHOLDERS (IF |
| <u>Dl</u> | EFICIENCIES: | |
| 26. | PROVIDE A DESCRIPTION OF ANY DEFICIENT HAVE BEEN OR WILL BE TAKEN TO CORRESPONDED | |
| <u>IN</u> | IPROVEMENTS: | |
| 27. | | |

I certify that the above inspection report is true and accurate to the best of my ability.

| (Signature on File) | |
|---------------------|------|
| Inspector signature | Date |
| Inspector signature | Date |

| DA | TE/TIME: July 18, 2002 | | |
|----|--|--|------------------------|
| IN | SPECTOR: | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> |
| | Name | Title | Organization |
| IN | SPECTOR: | | |
| | Name | Title | Organization |
| 1. | WASTE SITE ID: ARA-06 | | |
| 2. | GROUP NUMBER (if applicable): | 1 | |
| 3. | SITE DESCRIPTION: ARA-II Sta | ationary Low-Power Reactor No. 1 B | urial Ground |
| 4. | contamination will be addressed by | use controls to inhibit intrusion into the remediation of ARA-23. Instituted on the results of a 5-year review. Reall accompany any land transfer. | ional controls will be |
| 5. | CURRENT LAND USE: Land use | e restrictions will accompany land tran | nsfer. |
| 6. | CHECK THE INSTITUTIONAL C | CONTROLS REQUIRED FOR THE | SITE: |
| | Visible Access Restrictions: | | |
| | Warning SignsX | | |
| | FencingX | | |
| | Control of ActivitiesX | | |
| | Unauthorized accessX | | |
| | Comprehensive Land Use Plan | _X | |
| | Property lease or transfer restriction | nsX | |
| | IDWR prohibition on wells | | |
| | Notice to affected stakeholders (if a | applicable) | - |

| | Visible Access Restrictions: |
|-----|--|
| | Warning SignsX |
| | Fencing X |
| | Control of ActivitiesX |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictionsX |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: The remedial design and remedial action of the OU 5-05 site has been completed. The remedial design for the ARA-23 surface contaminated soils has been completed with the remedial action scheduled for 2003. Institutional controls will remain in effect until 5-year review. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes_EXPLAIN_CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN One avenue of approach with sign posted. |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED? Yes |
| 17. | ARE FENCES INTACT (if applicable)?YesEXPLAINFencing surrounding the SL-1 burial ground is in place |

| | ARE REQUIRED BOUNDARY MONUMENTS Yes EXPLAIN Monuments are intact a | |
|------------|--|---|
| 19. | ARE MONITORING WELLS [IDENTIFIED IN GROUNDWATER MONITORING REPORT (Deapplicable)?N/A | OE-ID 2000b)] LOCKED (if |
| 20. | ARE ANY NON-CERCLA WELLS (DOE-ID 20) RESTRICTION AREA? IF YES, DESCRIBE THOPERATE UNDER. | 00b) OPERATING IN THE GROUNDWATER IC HE WELLS AND WHAT PROGRAM(S) THEY |
| | N/A | |
| 21. | ARE SITE VISITORS CONTROLLED THROUGONLY IC RESTRICTION AREA?Yes | |
| 22. | ARE WORKERS IN RADIOLOGICALLY CON APPROVED WORK PERMIT?Yes | TROLLED IC AREAS OPERATING UNDER AN |
| 23. | ARE ONLY DOE-RAD WORKER TRAINED IN RADIOLOGICALLY CONTROLLED AREAS? | |
| 24. | ARE DOE-ID DIRECTIVES AND PROCEDURE PLACE? _YesLIST THE APPLICABLE | |
| | TYPE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE |
| | O&M Plan for OU 5-12 | DOE/ID-10805 |
| | | |
| | | |
| | | |
| 25. | HAVE REQUIRED NOTICES BEEN SENT TO APPLICABLE)?N/A | AFFECTED STAKEHOLDERS (IF |
| <u>DF</u> | CFICIENCIES: | |
| | PROVIDE A DESCRIPTION OF ANY DEFICIE HAVE BEEN OR WILL BE TAKEN TO CORREDOTED | NCIES AND WHAT EFFORTS OR MEASURES ECT PROBLEMS:No Deficiencies |
| <u>I</u> Μ | IPROVEMENTS: | |

| I certify that the above inspection report is true and accurate to the best of my ability. | |
|--|------|
| (Signature on File) | |
| Inspector signature | Date |
| | |
| Inspector signature | Date |

| D A | ATE/TIME: July 18, 2002 | | |
|------------|---|--|--------------|
| IN | SPECTOR: | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> |
| | Name | Title | Organization |
| IN | SPECTOR: | | |
| | Name | Title | Organization |
| 1. | WASTE SITE ID: ARA-07 | | |
| 2. | GROUP NUMBER (if applicable): | 1 | |
| 3. | SITE DESCRIPTION: ARA-II Seep | page Pit to the East | |
| 4. | ROD LAND USE: Unrelated surface 23. The septic tank will be removed accordance with State of Idaho stands | or filled with earthen materials and a | |
| 5. | CURRENT LAND USE: Industrial | land use pending 5-year review. | |
| 6. | CHECK THE INSTITUTIONAL CO | ONTROLS REQUIRED FOR THE | SITE: |
| | Visible Access Restrictions: | | |
| | Warning SignsX | | |
| | Fencing | _ | |
| | Control of Activities | | |
| | Unauthorized accessX | | |
| | Comprehensive Land Use Plan | _X | |
| | Property lease or transfer restrictions | | |
| | IDWR prohibition on wells | | |
| | Notice to affected stakeholders (if ap | plicable) | |
| 7. | CHECK THE INSTITUTIONAL CO | ONTROLS OBSERVED FOR THE | SITE: |
| | Visible Access Restrictions: | | |

| | Warning SignsX |
|-----|---|
| | Fencing |
| | Control of Activities |
| | Unauthorized accessX |
| | Comprehensive Land Use Plan |
| | Property lease or transfer restrictions |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: Closure of this site has been completed. Institutional controls will remain in effect until 5-year review. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes_EXPLAIN_CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN One avenue of approach with sign posted. |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED? N/A |
| 17. | ARE FENCES INTACT (if applicable)?N/AEXPLAIN |
| 18. | ARE REQUIRED BOUNDARY MONUMENTS INTACT AND READABLE (if applicable)? N/A EXPLAIN |

| 19. ARE MONITORING WELLS [IDENTIFIED IN GROUNDWATER MONITORING REPORT (Dapplicable)?N/A | OOE-ID 2000b)] LOCKED (if |
|--|--|
| 20. ARE ANY NON-CERCLA WELLS (DOE-ID 20 RESTRICTION AREA? IF YES, DESCRIBE TO OPERATE UNDER. | |
| N/A | |
| 21. ARE SITE VISITORS CONTROLLED THROUGH ONLY IC RESTRICTION AREA?Yes | |
| 22. ARE WORKERS IN RADIOLOGICALLY CON APPROVED WORK PERMIT?Yes | TROLLED IC AREAS OPERATING UNDER AN |
| 23. ARE ONLY DOE-RAD WORKER TRAINED IN RADIOLOGICALLY CONTROLLED AREAS? | |
| 24. ARE DOE-ID DIRECTIVES AND PROCEDUR PLACE?YesLIST THE APPLICABL | ES IMPLEMENTING IC RESTRICTIONS IN LE DOE-ID DIRECTIVES AND PROCEDURES: |
| TYPE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE |
| O&M Plan for OU 5-12 | DOE/ID-10805 |
| Phase I RA Report for WAG 5 | DOE/ID-10954 |
| | |
| | |
| 25. HAVE REQUIRED NOTICES BEEN SENT TO APPLICABLE)?N/A | AFFECTED STAKEHOLDERS (IF |
| DEFICIENCIES: | |
| 26. PROVIDE A DESCRIPTION OF ANY DEFICIE HAVE BEEN OR WILL BE TAKEN TO CORR noted | |
| IMPROVEMENTS: | |

| (Signature on File) | |
|---------------------|------|
| Inspector signature | Date |
| | |
| Inspector signature | Date |

| D A | ATE/TIME: July 18, 2002 | | |
|------------|--|--------------------------------------|--------------|
| IN | SPECTOR: | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> |
| | Name | Title | Organization |
| IN | SPECTOR: | | |
| | Name | Title | Organization |
| 1. | WASTE SITE ID: ARA-08 | | |
| 2. | GROUP NUMBER (if applicable): | 1 | |
| 3. | SITE DESCRIPTION: ARA-II Seep | page Pit to the West | |
| 4. | ROD LAND USE: Unrelated surface 23. The septic tank will be removed accordance with State of Idaho stand | or filled with earthen materials and | |
| 5. | CURRENT LAND USE: Industrial | land use pending 5-year review. | |
| 6. | CHECK THE INSTITUTIONAL CO | ONTROLS REQUIRED FOR THE | E SITE: |
| | Visible Access Restrictions: | | |
| | Warning SignsX | | |
| | Fencing | _ | |
| | Control of Activities | | |
| | Unauthorized accessX | | |
| | Comprehensive Land Use Plan | _X | |
| | Property lease or transfer restrictions | S | |
| | IDWR prohibition on wells | | |
| | Notice to affected stakeholders (if ap | | _ |
| 7. | CHECK THE INSTITUTIONAL CO | ONTROLS OBSERVED FOR TH | E SITE: |
| | Visible Access Restrictions: | | |

| | Warning SignsX |
|-----|---|
| | Fencing |
| | Control of ActivitiesX |
| | Unauthorized accessX |
| | Comprehensive Land Use Plan |
| | Property lease or transfer restrictions |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: Closure of this site has been completed. Institutional controls will remain in effect until 5-year review. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes _EXPLAIN _CERCLA sign present _ |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN One avenue of approach with sign posted. |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE?YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED?N/A |
| 17. | ARE FENCES INTACT (if applicable)?N/AEXPLAIN |
| 18. | ARE REQUIRED BOUNDARY MONUMENTS INTACT AND READABLE (if applicable)? N/A EXPLAIN |

| GROUN | ONITORING WELLS [IDENTIFIED IN T DWATER MONITORING REPORT (DO le)?N/A_ | DE-ID 2000b)] LOCKED (if |
|----------------------|--|---|
| RESTRI | | 00b) OPERATING IN THE GROUNDWATER IC IE WELLS AND WHAT PROGRAM(S) THEY |
| N/A | <u> </u> | |
| | TE VISITORS CONTROLLED THROUG C RESTRICTION AREA?Yes | GH BADGING FOR AUTHORIZED ACCESS |
| | ORKERS IN RADIOLOGICALLY CONT WED WORK PERMIT?Yes | TROLLED IC AREAS OPERATING UNDER AN |
| | ILY DOE-RAD WORKER TRAINED IN LOGICALLY CONTROLLED AREAS? | |
| | | ES IMPLEMENTING IC RESTRICTIONS IN E DOE-ID DIRECTIVES AND PROCEDURES: |
| TYP | PE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE |
| O&M F | Plan for OU 5-12 | DOE/ID-10805 |
| Phase I | RA Report for WAG 5 | DOE/ID-10954 |
| | | |
| | | |
| | | |
| 25. HAVE R APPLIC | EQUIRED NOTICES BEEN SENT TO A ABLE)?N/A | AFFECTED STAKEHOLDERS (IF |
| | | |
| DEFICIE | NCIES: | |
| | | NCIES AND WHAT EFFORTS OR MEASURES ECT PROBLEMS:No Deficiencies |
| <u>IMPROV</u> | EMENTS: | |

| Inspector signature | Date |
|---------------------|------|
| | |

| DATE/TIME: July 18, 2002 | | | | | | | | |
|---------------------------------|---|----------------------------|--------------|--|--|--|--|--|
| INSPECTOR: | | | | | | | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> | | | | | |
| | Name | Title | Organization | | | | | |
| IN | INSPECTOR: | | | | | | | |
| | Name | Title | Organization | | | | | |
| 1. | WASTE SITE ID: ARA-12 | | | | | | | |
| 2. | GROUP NUMBER (if applicable): 2 | 2 | | | | | | |
| 3. | SITE DESCRIPTION: ARA-III Rad | lioactive Waste Leach Pond | | | | | | |
| 4. | ROD LAND USE: Restrict the site to industrial land use until remediation is implemented as prescribed in the ROD, then reevaluate requirements. Land-use controls will not be required after remediation if all contaminated soil is removed to basalt or if contaminant concentrations are comparable to local background values. Otherwise, institutional controls will be maintained until discontinued based on the results of a 5-year review. | | | | | | | |
| 5. | CURRENT LAND USE: Restricted | awaiting remediation. | | | | | | |
| 6. | CHECK THE INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE: | | | | | | | |
| | Visible Access Restrictions: | | | | | | | |
| | Warning SignsX | | | | | | | |
| | FencingX | | | | | | | |
| | Control of ActivitiesX | | | | | | | |
| | Unauthorized accessX | | | | | | | |
| | Comprehensive Land Use Plan | X | | | | | | |
| | Property lease or transfer restrictions | | | | | | | |
| | IDWR prohibition on wells | | | | | | | |
| | Notice to affected stakeholders (if app | plicable) | | | | | | |

| | Visible Access Restrictions: |
|-----|--|
| | Warning SignsX |
| | Fencing X |
| | Control of ActivitiesX |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictions |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: Remedial design has been completed. Awaiting remedial action to commence in 2003. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE?YesEXPLAINCERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN One avenue of approach with sign posted. |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED?Yes - radiological fencing intact, no locked gates required |
| 17. | ARE FENCES INTACT (if applicable)?XEXPLAINRadiological fencing is intact. |
| 18. | ARE REQUIRED BOUNDARY MONUMENTS INTACT AND READABLE (if applicable)? N/A EXPLAIN |

| P. ARE MONITORING WELLS [IDENTIFIED IN THE MAP PROVIDED IN THE GROUNDWATER MONITORING REPORT (DOE-ID 2000b)] LOCKED (if applicable)?N/A | | | | | |
|---|--|--|--|--|--|
| 00b) OPERATING IN THE GROUNDWATER IC HE WELLS AND WHAT PROGRAM(S) THEY | | | | | |
| | | | | | |
| LE SITE VISITORS CONTROLLED THROUGH BADGING FOR AUTHORIZED ACCESS ILY IC RESTRICTION AREA?Yes | | | | | |
| 2. ARE WORKERS IN RADIOLOGICALLY CONTROLLED IC AREAS OPERATING UNDER AN APPROVED WORK PERMIT?Yes | | | | | |
| 3. ARE ONLY DOE-RAD WORKER TRAINED INDIVIDUALS OPERATING IN RADIOLOGICALLY CONTROLLED AREAS?Yes | | | | | |
| 4. ARE DOE-ID DIRECTIVES AND PROCEDURES IMPLEMENTING IC RESTRICTIONS IN PLACE?YesLIST THE APPLICABLE DOE-ID DIRECTIVES AND PROCEDURES: | | | | | |
| NUMBER/TITLE | | | | | |
| DOE/ID-10805 | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| AFFECTED STAKEHOLDERS (IF | | | | | |
| | | | | | |
| EFICIENCIES: PROVIDE A DESCRIPTION OF ANY DEFICIENCIES AND WHAT EFFORTS OR MEASURES HAVE BEEN OR WILL BE TAKEN TO CORRECT PROBLEMS:No Deficiencies noted | | | | | |
| | | | | | |
| | | | | | |

C-29

| (Signature on File) | |
|---------------------|------|
| Inspector signature | Date |
| | |
| Inspector signature | Date |

| DATE/TIME: July 18, 2002 | | | | | |
|---------------------------------|--|--------------------|--------------|--|--|
| INSPECTOR: | | | | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> | | |
| | Name | Title | Organization | | |
| IN | SPECTOR: | | | | |
| | Name | Title | Organization | | |
| 1. | WASTE SITE ID: ARA-16 | | | | |
| 2. | GROUP NUMBER (if applicable): | 1 | | | |
| 3. | SITE DESCRIPTION: ARA-I Radi | onuclide Tank | | | |
| 4. | ROD LAND USE: Restrict the site to industrial land use until remediation is implemented as prescribed in the ROD, then reevaluate requirements. Land-use controls would not be required after remediation if all contaminated sludge is removed to basalt or if contaminant concentrations are comparable to local background values. Otherwise, institutional controls will be maintained until discontinued based on the results of a 5-year review. | | | | |
| 5. | CURRENT LAND USE: No restric | tions | | | |
| 6. | CHECK THE INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE: | | | | |
| | Visible Access Restrictions: | | | | |
| | Warning SignsX | | | | |
| | Fencing | | | | |
| | Control of Activities | | | | |
| | Unauthorized accessX | | | | |
| | Comprehensive Land Use PlanX | | | | |
| | Property lease or transfer restrictions | | | | |
| | IDWR prohibition on wells | | | | |
| | Notice to affected stakeholders (if a | pplicable) | _ | | |

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| | Visible Access Restrictions: |
|-----|--|
| | Warning SignsX |
| | Fencing |
| | Control of ActivitiesX |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictions |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: Remedial design and remedial action has been completed. Institutional controls will remain in effect until 5-year review. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes _EXPLAIN _CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN One avenue of approach with sign posted. |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED?N/A |
| 17. | ARE FENCES INTACT (if applicable)?N/AEXPLAIN |

| TYPE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE | |
|---|--------------|--|
| O&M Plan for OU 5-12 | DOE/ID-10805 | |
| | | |
| | | |
| | | |
| | | |

27. DESCRIBE ANY ADDITIONAL IC REQUIREMENTS THAT MAY BE NECESSARY DUE TO UNIQUE CIRCUMSTANCES OBSERVED DURING THE VISUAL INSPECTION: None

| (Signature on File) | |
|---------------------|------|
| Inspector signature | Date |
| | |
| Inspector signature | Date |

| D A | ATE/TIME: July 18, 2002 | | |
|------------|--|---|--|
| IN | SPECTOR: | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> |
| | Name | Title | Organization |
| IN | SPECTOR: | | |
| | Name | Title | Organization |
| 1. | WASTE SITE ID: ARA-23 | | |
| 2. | GROUP NUMBER (if applicable | le): 1 | |
| 3. | SITE DESCRIPTION: ARA-II ARA-II | Radiologically Contaminated Surface | Soils Around ARA-I and |
| 4. | prescribed in the ROD, then reer remediation if all contaminated | site to industrial land use until remedivaluate requirements. Land-use controsoil is removed to basalt or if contami values. Otherwise, institutional contros of a 5-year review. | ols will not be required after nant concentrations are |
| 5. | CURRENT LAND USE: Restri | icted awaiting remediation. | |
| 6. | CHECK THE INSTITUTIONA | L CONTROLS REQUIRED FOR TH | E SITE: |
| | Visible Access Restrictions: | | |
| | Warning SignsX_ | | |
| | FencingX_ | | |
| | Control of ActivitiesX_ | | |
| | Unauthorized accessX | <u>. </u> | |
| | Comprehensive Land Use Plan | X | |
| | Property lease or transfer restric | tions | |
| | IDWR prohibition on wells | | |
| | Notice to affected stakeholders | if annlicable) | |

| 7. | CHECK THE INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE: |
|-----|--|
| | Visible Access Restrictions: |
| | Warning SignsX |
| | Fencing X |
| | Control of ActivitiesX |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictions |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: Remedial design has been completed. Awaiting remedial action to commence in 2003. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes_EXPLAIN_CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN All avenues of approach have signs posted. |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED?Yes - radiological fencing intact, no locked gates required |
| 17 | ARE FENCES INTACT (if applicable)? Y EXPLAIN Radiological fencing is intact |

| 10. | ARE REQUIRED BOUNDARY MONUMENTSN/A EXPLAIN | | |
|-----------|---|---|--|
| 19. | 9. ARE MONITORING WELLS [IDENTIFIED IN THE MAP PROVIDED IN THE GROUNDWATER MONITORING REPORT (DOE-ID 2000b)] LOCKED (if applicable)?YES | | |
| 20. | ARE ANY NON-CERCLA WELLS (DOE-ID 20 RESTRICTION AREA? IF YES, DESCRIBE THOPERATE UNDER. | 00b) OPERATING IN THE GROUNDWATER IC IE WELLS AND WHAT PROGRAM(S) THEY | |
| | N/A | | |
| 21. | ARE SITE VISITORS CONTROLLED THROUGONLY IC RESTRICTION AREA?Yes | | |
| 22. | ARE WORKERS IN RADIOLOGICALLY CON APPROVED WORK PERMIT?Yes | TROLLED IC AREAS OPERATING UNDER AN | |
| 23. | ARE ONLY DOE-RAD WORKER TRAINED IN RADIOLOGICALLY CONTROLLED AREAS? | | |
| 24. | ARE DOE-ID DIRECTIVES AND PROCEDURI PLACE?YesLIST THE APPLICABLE | | |
| | TVDE (DOE ID Directive Management | | |
| | TYPE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE | |
| | | NUMBER/TITLE DOE/ID-10805 | |
| | Control Procedure, Plan, Etc.) | | |
| | Control Procedure, Plan, Etc.) | | |
| | Control Procedure, Plan, Etc.) | | |
| | Control Procedure, Plan, Etc.) | | |
| 25. | Control Procedure, Plan, Etc.) | DOE/ID-10805 | |
| | Control Procedure, Plan, Etc.) O&M Plan for OU 5-12 HAVE REQUIRED NOTICES BEEN SENT TO | DOE/ID-10805 | |
| <u>DI</u> | Control Procedure, Plan, Etc.) O&M Plan for OU 5-12 HAVE REQUIRED NOTICES BEEN SENT TO APPLICABLE)?N/A | DOE/ID-10805 AFFECTED STAKEHOLDERS (IF NCIES AND WHAT EFFORTS OR MEASURES | |

| 7. DESCRIBE ANY ADDITIONAL IC REQUIREMENTS THAT IN UNIQUE CIRCUMSTANCES OBSERVED DURING THE VISUAL PROPERTY OF THE | |
|--|----------------------------|
| I certify that the above inspection report is true and accurate t (Signature on File) | to the best of my ability. |
| Inspector signature | Date |
| Inspector signature | Date |

| ATE/TIME: July 18, 2002 | | |
|--|---|------------------------------------|
| SPECTOR: | | |
| Richard P. Wells | Advisory Scientist | <u>31B0</u> |
| Name | Title | Organization |
| SPECTOR: | | |
| Name | Title | Organization |
| WASTE SITE ID: ARA-24 | | |
| GROUP NUMBER (if applicable): | 2 | |
| SITE DESCRIPTION: ARA-III W | indblown Soil | |
| contaminated material. Institutional | controls will be maintained until di | scontinued based on the |
| CURRENT LAND USE: Land use | restrictions will accompany land tra | ansfer. |
| CHECK THE INSTITUTIONAL C | CONTROLS REQUIRED FOR THE | E SITE: |
| Visible Access Restrictions: | | |
| Warning SignsX | | |
| Fencing | | |
| Control of Activities | | |
| Unauthorized accessX | | |
| Comprehensive Land Use Plan | _X | |
| Property lease or transfer restriction | asX | |
| IDWR prohibition on wells | | |
| Notice to affected stakeholders (if a | pplicable) | _ |
| | Name SPECTOR: Name Name WASTE SITE ID: ARA-24 GROUP NUMBER (if applicable): SITE DESCRIPTION: ARA-III W ROD LAND USE: Land use will b contaminated material. Institutional results of a 5-year review. Recommany land transfer. CURRENT LAND USE: Land use CHECK THE INSTITUTIONAL COVISIBLE Access Restrictions: Warning SignsX Fencing Control of Activities Unauthorized accessX Comprehensive Land Use Plan Property lease or transfer restriction IDWR prohibition on wells | Richard P. WellsAdvisory Scientist |

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7. CHECK THE INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE:

| | Visible Access Restrictions: |
|-----|--|
| | Warning SignsX |
| | Fencing |
| | Control of Activities |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictionsX |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: No specific remedial actions planned for this site. Institutional controls will remain in effect until 5-year review. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes_EXPLAIN_CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes_ EXPLAIN Sign prominently posted in center of site. |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED?N/A |
| 17. | ARE FENCES INTACT (if applicable)? _N/AEXPLAIN |
| 18. | ARE REQUIRED BOUNDARY MONUMENTS INTACT AND READABLE (if applicable)? YES EXPLAINNew monument installed FY 2002 |

| 19. | ARE MONITORING WELLS [IDENTIFIED IN 7] GROUNDWATER MONITORING REPORT (DC applicable)?N/A | DE-ID 2000b)] LOCKED (if |
|---------------|---|---|
| 20. | ARE ANY NON-CERCLA WELLS (DOE-ID 200 RESTRICTION AREA? IF YES, DESCRIBE THOPERATE UNDER. | |
| | N/A | |
| 21. | ARE SITE VISITORS CONTROLLED THROUGH ONLY IC RESTRICTION AREA?Yes | |
| 22. | ARE WORKERS IN RADIOLOGICALLY CONTAPPROVED WORK PERMIT?N/A | TROLLED IC AREAS OPERATING UNDER AN |
| 23. | ARE ONLY DOE-RAD WORKER TRAINED IN RADIOLOGICALLY CONTROLLED AREAS? | |
| 24. | ARE DOE-ID DIRECTIVES AND PROCEDURE PLACE?YesLIST THE APPLICABLE | |
| | TYPE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE |
| | | |
| | O&M Plan for OU 5-12 | DOE/ID-10805 |
| | | DOE/ID-10805 |
| 25. | | |
| | O&M Plan for OU 5-12 HAVE REQUIRED NOTICES BEEN SENT TO A | |
| <u>D1</u> | O&M Plan for OU 5-12 HAVE REQUIRED NOTICES BEEN SENT TO A APPLICABLE)?N/A | AFFECTED STAKEHOLDERS (IF NCIES AND WHAT EFFORTS OR MEASURES |
| Dl 26. | O&M Plan for OU 5-12 HAVE REQUIRED NOTICES BEEN SENT TO A APPLICABLE)?N/A EFICIENCIES: PROVIDE A DESCRIPTION OF ANY DEFICIENT HAVE BEEN OR WILL BE TAKEN TO CORRE | AFFECTED STAKEHOLDERS (IF NCIES AND WHAT EFFORTS OR MEASURES |
| <u>Dl</u> 26. | O&M Plan for OU 5-12 HAVE REQUIRED NOTICES BEEN SENT TO A APPLICABLE)?N/A EFICIENCIES: PROVIDE A DESCRIPTION OF ANY DEFICIENT HAVE BEEN OR WILL BE TAKEN TO CORRESPONDENT. | AFFECTED STAKEHOLDERS (IF NCIES AND WHAT EFFORTS OR MEASURES CT PROBLEMS:No Deficiencies |

| (Signature on File) | |
|---------------------|------|
| Inspector signature | Date |
| Inspector signature | Date |

| DA | ATE/TIME: July 18, 2002 | | | |
|----|--|--|---|--|
| IN | SPECTOR: | | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> | |
| | Name | Title | Organization | |
| IN | SPECTOR: | | | |
| | Name | Title | Organization | |
| 1. | WASTE SITE ID: ARA-25 | | | |
| 2. | GROUP NUMBER (if applicable): | 1 | | |
| 3. | SITE DESCRIPTION: ARA-I Soi | ls Beneath the ARA-626 Hot Cells | | |
| 4. | prescribed in the ROD, then reeval remediation if all contaminated slu | e to industrial land use until remedia uate requirements. Land-use control dge was removed to basalt or if cont dues. Otherwise, institutional control of a 5-year review. | s will not be required after aminant concentrations are | |
| 5. | CURRENT LAND USE: Land use | e restrictions will accompany land tr | ansfer. | |
| 6. | CHECK THE INSTITUTIONAL O | CONTROLS REQUIRED FOR THE | E SITE: | |
| | Visible Access Restrictions: | Visible Access Restrictions: | | |
| | Warning SignsX | | | |
| | Fencing | <u> </u> | | |
| | Control of Activities | | | |
| | Unauthorized accessX_ | | | |
| | Comprehensive Land Use Plan | X | | |
| | Property lease or transfer restrictio | ns | | |
| | IDWR prohibition on wells | | | |
| | Notice to affected stakeholders (if | applicable) | _ | |

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7. CHECK THE INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE:

| | Visible Access Restrictions: |
|-----|--|
| | Warning SignsX |
| | Fencing |
| | Control of ActivitiesX |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictionsX |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YESX NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: Remedial design and remedial action has been completed. Institutional controls will remain in effect until 5-year review. A monument has been fabricated and will be installed following the remediation of the ARA-23 soils. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes _EXPLAIN _CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN One avenue of approach with sign posted. |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED?N/A |
| 17. | ARE FENCES INTACT (if applicable)?N/AEXPLAIN |

| 18. | ARE REQUIRED BOUNDARY MONUMENTSN/A EXPLAIN | | |
|-----------|--|---|--|
| 19. | . ARE MONITORING WELLS [IDENTIFIED IN THE MAP PROVIDED IN THE GROUNDWATER MONITORING REPORT (DOE-ID 2000b)] LOCKED (if applicable)?N/A | | |
| 20. | ARE ANY NON-CERCLA WELLS (DOE-ID 200 RESTRICTION AREA? IF YES, DESCRIBE THOPERATE UNDER. | 00b) OPERATING IN THE GROUNDWATER IC HE WELLS AND WHAT PROGRAM(S) THEY | |
| | N/A | | |
| 21. | ARE SITE VISITORS CONTROLLED THROUGONLY IC RESTRICTION AREA?Yes | | |
| 22. | ARE WORKERS IN RADIOLOGICALLY CON APPROVED WORK PERMIT?Yes | TROLLED IC AREAS OPERATING UNDER AN | |
| 23. | ARE ONLY DOE-RAD WORKER TRAINED IN RADIOLOGICALLY CONTROLLED AREAS? | | |
| 24. | ARE DOE-ID DIRECTIVES AND PROCEDURES IMPLEMENTING IC RESTRICTIONS IN PLACE?YesLIST THE APPLICABLE DOE-ID DIRECTIVES AND PROCEDURES: | | |
| | TYPE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE | |
| | O&M Plan for OU 5-12 | DOE/ID-10805 | |
| | | | |
| | | | |
| 25. | HAVE REQUIRED NOTICES BEEN SENT TO APPLICABLE)?N/A | AFFECTED STAKEHOLDERS (IF | |
| <u>DI</u> | EFICIENCIES: | | |
| 26. | PROVIDE A DESCRIPTION OF ANY DEFICIE HAVE BEEN OR WILL BE TAKEN TO CORREDOTED | NCIES AND WHAT EFFORTS OR MEASURES ECT PROBLEMS:No Deficiencies | |
| IV | IPROVEMENTS: | | |

27. DESCRIBE ANY ADDITIONAL IC REQUIREMENTS THAT MAY BE NECESSARY DUE TO UNIQUE CIRCUMSTANCES OBSERVED DURING THE VISUAL INSPECTION: None

| (Signature on File) | |
|---------------------|------|
| Inspector signature | Date |
| nspector signature | Date |

| DA | ATE/TIME: July 11, 2002 | | |
|----|--|--|--------------------------------|
| IN | SPECTOR: | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> |
| | Name | Title | Organization |
| IN | SPECTOR: | | |
| | Name | Title | Organization |
| 1. | WASTE SITE ID: PBF-10 | | |
| 2. | GROUP NUMBER (if applicable): | 3 | |
| 3. | SITE DESCRIPTION: PBF Reactor | r Area Evaporation Pond (PBF-733) |) |
| 4. | ROD LAND USE: Restrict the site 5-year review. | to industrial land use until discontin | nued based on the results of a |
| 5. | CURRENT LAND USE: Industrial | land use pending 5-year review. | |
| 6. | CHECK THE INSTITUTIONAL CO | ONTROLS REQUIRED FOR THE | SITE: |
| | Visible Access Restrictions: | | |
| | Warning SignsX | | |
| | FencingX | | |
| | Control of Activities | | |
| | Unauthorized accessX | | |
| | Comprehensive Land Use Plan | _X | |
| | Property lease or transfer restrictions | S | |
| | IDWR prohibition on wells | <u> </u> | |
| | Notice to affected stakeholders (if ap | oplicable) | _ |
| 7. | CHECK THE INSTITUTIONAL C | ONTROLS OBSERVED FOR THE | E SITE: |
| | Visible Access Restrictions: | | |

| | Warning SignsX |
|-----|--|
| | FencingX |
| | Control of Activities |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictions |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: No specific remedial actions planned for this site. Institutional controls will remain in effect until 5-year review. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes_EXPLAIN_CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN One avenue of approach with sign posted |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED?Yes - PBF facility fence with gated access |
| 17. | ARE FENCES INTACT (if applicable)? _YesEXPLAIN |
| 18. | ARE REQUIRED BOUNDARY MONUMENTS INTACT AND READABLE (if applicable)? _YES EXPLAINNew monument installed FY 2002 |

| 19. | ARE MONITORING WELLS [IDENTIFIED IN 7] GROUNDWATER MONITORING REPORT (DO applicable)?N/A | DE-ID 2000b)] LOCKED (if | |
|------------|--|---------------------------|--|
| 20. | ARE ANY NON-CERCLA WELLS (DOE-ID 200 RESTRICTION AREA? IF YES, DESCRIBE THOPERATE UNDER. | | |
| | N/A | | |
| 21. | ARE SITE VISITORS CONTROLLED THROUGONLY IC RESTRICTION AREA?Yes | | |
| 22. | . ARE WORKERS IN RADIOLOGICALLY CONTROLLED IC AREAS OPERATING UNDER AN APPROVED WORK PERMIT?N/A | | |
| 23. | ARE ONLY DOE-RAD WORKER TRAINED IN RADIOLOGICALLY CONTROLLED AREAS? | | |
| 24. | 4. ARE DOE-ID DIRECTIVES AND PROCEDURES IMPLEMENTING IC RESTRICTIONS IN PLACE?YesLIST THE APPLICABLE DOE-ID DIRECTIVES AND PROCEDURES: | | |
| | TYPE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE | |
| | O&M Plan for OU 5-12 | DOE/ID-10805 | |
| | | | |
| | | | |
| | | | |
| | | | |
| 25. | HAVE REQUIRED NOTICES BEEN SENT TO A APPLICABLE)?N/A | AFFECTED STAKEHOLDERS (IF | |
| <u>D</u> 1 | EFICIENCIES: | | |
| 26. | PROVIDE A DESCRIPTION OF ANY DEFICIENTAL HAVE BEEN OR WILL BE TAKEN TO CORRESPONDENT | | |
| <u>IN</u> | IPROVEMENTS: | | |
| 27. | DESCRIBE ANY ADDITIONAL IC REQUIREM UNIQUE CIRCUMSTANCES OBSERVED DUR | | |

| (Signature on File) | |
|---------------------|------|
| Inspector signature | Date |
| Inspector signature | Date |

| DA | ATE/TIME: July 11, 2002 | | |
|----|--|---|------------------------------|
| IN | SPECTOR: | | |
| | Richard P. Wells | Advisory Scientist | 31B0 |
| | Name | Title | Organization |
| IN | SPECTOR: | | |
| | Name | Title | Organization |
| 1. | WASTE SITE ID: PBF-12 | | |
| 2. | GROUP NUMBER (if applicable): 3 | 3 | |
| 3. | SITE DESCRIPTION: PBF SPERT | -I Leach Pond | |
| 4. | ROD LAND USE: Restrict the site t 5-year review. | to industrial land use until discontinu | ed based on the results of a |
| 5. | CURRENT LAND USE: Industrial | land use pending 5-year review. | |
| 6. | CHECK THE INSTITUTIONAL CO | ONTROLS REQUIRED FOR THE S | SITE: |
| | Visible Access Restrictions: | | |
| | Warning SignsX | _ | |
| | FencingX | | |
| | Control of Activities | | |
| | Unauthorized accessX | | |
| | Comprehensive Land Use Plan | _X | |
| | Property lease or transfer restrictions | S | |
| | IDWR prohibition on wells | <u> </u> | |
| | Notice to affected stakeholders (if ap | pplicable) | |
| 7. | CHECK THE INSTITUTIONAL CO | ONTROLS OBSERVED FOR THE | SITE: |
| | Visible Access Restrictions: | | |

| | Warning SignsX |
|-----|--|
| | FencingX |
| | Control of Activities |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictions |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: No specific remedial actions planned for this site. Institutional controls will remain in effect until 5-year review. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes_EXPLAIN_CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN One avenue of approach with sign posted |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED?Yes - PBF facility fence with gated access |
| 17. | ARE FENCES INTACT (if applicable)? _YesEXPLAIN |
| 18. | ARE REQUIRED BOUNDARY MONUMENTS INTACT AND READABLE (if applicable)? _YES EXPLAIN |

| 19. | ARE MONITORING WELLS [IDENTIFIED IN TO GROUNDWATER MONITORING REPORT (DC applicable)?N/A | DE-ID 2000b)] LOCKED (if | |
|--|--|-----------------------------------|--|
| 20. | ARE ANY NON-CERCLA WELLS (DOE-ID 200 RESTRICTION AREA? IF YES, DESCRIBE TH OPERATE UNDER. | | |
| | N/A | | |
| 21. | ARE SITE VISITORS CONTROLLED THROUGONLY IC RESTRICTION AREA?Yes | | |
| 22. | 2. ARE WORKERS IN RADIOLOGICALLY CONTROLLED IC AREAS OPERATING UNDER AN APPROVED WORK PERMIT?N/A | | |
| 23. | ARE ONLY DOE-RAD WORKER TRAINED IN RADIOLOGICALLY CONTROLLED AREAS? | | |
| 24. ARE DOE-ID DIRECTIVES AND PROCEDURES IMPLEMENTING IC RESTRICTIONS PLACE?YesLIST THE APPLICABLE DOE-ID DIRECTIVES AND PROCEDU | | | |
| | TYPE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE | |
| | O&M Plan for OU 5-12 | DOE/ID-10805 | |
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| | | | |
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| | | | |
| 25. | HAVE REQUIRED NOTICES BEEN SENT TO A APPLICABLE)?N/A | AFFECTED STAKEHOLDERS (IF | |
| <u>DI</u> | EFICIENCIES: | | |
| 26. | PROVIDE A DESCRIPTION OF ANY DEFICIENT HAVE BEEN OR WILL BE TAKEN TO CORRE | | |
| <u>IN</u> | IPROVEMENTS: | | |
| 27. | DESCRIBE ANY ADDITIONAL IC REQUIREM | ENTS THAT MAY BE NECESSARY DUE TO | |

| (Signature on File) | |
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| Inspector signature | Date |
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| Inspector signature | Date |

| DA | DATE/TIME: July 11, 2002 | | | |
|----|---|-------------------------------------|--------------|--|
| IN | INSPECTOR: | | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> | |
| | Name | Title | Organization | |
| IN | SPECTOR: | | | |
| | Name | Title | Organization | |
| 1. | WASTE SITE ID: PBF-13 | | | |
| 2. | GROUP NUMBER (if applicable): 3 | | | |
| 3. | SITE DESCRIPTION: PBF Reactor | Area Rubble Pit | | |
| 4. | . ROD LAND USE: Control land use to prohibit potential exposure to friable asbestos. Augment the existing institutional controls with signs and maintenance of the existing cover. Period inspections also will be defined in the WAG 5 institutional control plan. Institutional controls will be maintained until discontinued based on the results of a 5-year review. Recommendations for appropriate land-use restrictions will accompany any land transfer. | | | |
| 5. | CURRENT LAND USE: Land use re | estrictions will accompany land tra | ınsfer. | |
| 6. | CHECK THE INSTITUTIONAL CO | NTROLS REQUIRED FOR THE | SITE: | |
| | Visible Access Restrictions: | | | |
| | Warning SignsX | _ | | |
| | FencingX | _ | | |
| | Control of Activities | | | |
| | Unauthorized accessX | | | |
| | Comprehensive Land Use Plan | X | | |
| | Property lease or transfer restrictions | | | |
| | IDWR prohibition on wells | | | |
| | Notice to affected stakeholders (if app | plicable) | _ | |

7. CHECK THE INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE:

| | Visible Access Restrictions: |
|-----|--|
| | Warning SignsX |
| | FencingX |
| | Control of Activities |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictions |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: No specific remedial actions planned for this site. Institutional controls will remain in effect until 5-year review. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes _EXPLAIN _CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN One avenue of approach with sign posted |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED?Yes – PBF facility fence with gated access |
| 17. | ARE FENCES INTACT (if applicable)? _YesEXPLAIN |
| 18. | ARE REQUIRED BOUNDARY MONUMENTS INTACT AND READABLE (if applicable)? _YES EXPLAINNew monument installed FY 2002 |

| 19. | ARE MONITORING WELLS [IDENTIFIED IN THE MAP PROVIDED IN THE GROUNDWATER MONITORING REPORT (DOE-ID 2000b)] LOCKED (if applicable)?N/A | | |
|------------|--|-----------------------------------|--|
| 20. | ARE ANY NON-CERCLA WELLS (DOE-ID 2000b) OPERATING IN THE GROUNDWATER IC RESTRICTION AREA? IF YES, DESCRIBE THE WELLS AND WHAT PROGRAM(S) THEY OPERATE UNDER. | | |
| | N/A | | |
| 21. | ARE SITE VISITORS CONTROLLED THROUGONLY IC RESTRICTION AREA?Yes | | |
| 22. | 2. ARE WORKERS IN RADIOLOGICALLY CONTROLLED IC AREAS OPERATING UNDER AN APPROVED WORK PERMIT?N/A | | |
| 23. | 3. ARE ONLY DOE-RAD WORKER TRAINED INDIVIDUALS OPERATING IN RADIOLOGICALLY CONTROLLED AREAS?N/A | | |
| 24. | 4. ARE DOE-ID DIRECTIVES AND PROCEDURES IMPLEMENTING IC RESTRICTIONS IN PLACE?YesLIST THE APPLICABLE DOE-ID DIRECTIVES AND PROCEDURES: | | |
| | TYPE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE | |
| | O&M Plan for OU 5-12 | DOE/ID-10805 | |
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| 25. | HAVE REQUIRED NOTICES BEEN SENT TO A APPLICABLE)?N/A | AFFECTED STAKEHOLDERS (IF | |
| <u>D</u>] | EFICIENCIES: | | |
| 26. | PROVIDE A DESCRIPTION OF ANY DEFICIENT HAVE BEEN OR WILL BE TAKEN TO CORRESPONDED | | |
| <u>IN</u> | IPROVEMENTS: | | |
| 27. | DESCRIBE ANY ADDITIONAL IC REQUIREM | ENTO THAT MAN DE NECECCADN DUE TO | |

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| Inspector signature | Date |
| Inspector signature | Date |

| D A | ATE/TIME: July 11, 2002 | | |
|------------|--|--|--------------------------------|
| IN | SPECTOR: | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> |
| | Name | Title | Organization |
| IN | SPECTOR: | | |
| | Name | Title | Organization |
| 1. | WASTE SITE ID: PBF-21 | | |
| 2. | GROUP NUMBER (if applicable): | 5 | |
| 3. | SITE DESCRIPTION: PBF SPERT | Γ-III Large Leach Pond | |
| 4. | ROD LAND USE: Restrict the site 5-year review. | to industrial land use until discontir | nued based on the results of a |
| 5. | CURRENT LAND USE: Industrial | land use pending 5-year review. | |
| 6. | CHECK THE INSTITUTIONAL C | ONTROLS REQUIRED FOR THE | SITE: |
| | Visible Access Restrictions: | | |
| | Warning SignsX | | |
| | FencingX | | |
| | Control of Activities | | |
| | Unauthorized accessX | | |
| | Comprehensive Land Use Plan | _X | |
| | Property lease or transfer restriction | s | |
| | IDWR prohibition on wells | | |
| | Notice to affected stakeholders (if a | pplicable) | _ |
| 7. | CHECK THE INSTITUTIONAL C | ONTROLS OBSERVED FOR THE | E SITE: |
| | Visible Access Restrictions: | | |

| | Warning SignsX |
|-----|--|
| | FencingX |
| | Control of Activities |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictions |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: No specific remedial actions planned for this site. Institutional controls will remain in effect until 5-year review. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes _EXPLAIN _CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN One avenue of approach with sign posted |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED?Yes - PBF facility fence with gated access |
| 17. | ARE FENCES INTACT (if applicable)? _YesEXPLAIN |
| 18. | ARE REQUIRED BOUNDARY MONUMENTS INTACT AND READABLE (if applicable)? _YES EXPLAIN |

| 19. | ARE MONITORING WELLS [IDENTIFIED IN THE MAP PROVIDED IN THE GROUNDWATER MONITORING REPORT (DOE-ID 2000b)] LOCKED (if applicable)?N/A | | |
|-----|--|---------------------------|--|
| 20. | . ARE ANY NON-CERCLA WELLS (DOE-ID 2000b) OPERATING IN THE GROUNDWATER IC RESTRICTION AREA? IF YES, DESCRIBE THE WELLS AND WHAT PROGRAM(S) THEY OPERATE UNDER. | | |
| | N/A | | |
| 21. | ARE SITE VISITORS CONTROLLED THROUGONLY IC RESTRICTION AREA?Yes | | |
| 22. | 2. ARE WORKERS IN RADIOLOGICALLY CONTROLLED IC AREAS OPERATING UNDER AN APPROVED WORK PERMIT?N/A | | |
| 23. | 3. ARE ONLY DOE-RAD WORKER TRAINED INDIVIDUALS OPERATING IN RADIOLOGICALLY CONTROLLED AREAS?N/A | | |
| 24. | 4. ARE DOE-ID DIRECTIVES AND PROCEDURES IMPLEMENTING IC RESTRICTIONS IN PLACE?YesLIST THE APPLICABLE DOE-ID DIRECTIVES AND PROCEDURES: | | |
| | TYPE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE | |
| | O&M Plan for OU 5-12 | DOE/ID-10805 | |
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| | | | |
| 25. | HAVE REQUIRED NOTICES BEEN SENT TO A APPLICABLE)?N/A | AFFECTED STAKEHOLDERS (IF | |
| DI | EFICIENCIES: | | |
| | | | |
| 26. | PROVIDE A DESCRIPTION OF ANY DEFICIENT HAVE BEEN OR WILL BE TAKEN TO CORRESPOND | | |
| | HAVE BEEN OR WILL BE TAKEN TO CORRE | | |

| (Signature on File) | |
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| Inspector signature | Date |

| D A | ATE/TIME: July 11, 2002 | | |
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| IN | SPECTOR: | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> |
| | Name | Title | Organization |
| IN | SPECTOR: | | |
| | Name | Title | Organization |
| 1. | WASTE SITE ID: PBF-22 | | |
| 2. | GROUP NUMBER (if applicable): | 6 | |
| 3. | SITE DESCRIPTION: PBF SPERT | Γ-IV Leach Pond (PBF-758) | |
| 4. | ROD LAND USE: Restrict the site 5-year review. | to industrial land use until discontin | ued based on the results of a |
| 5. | CURRENT LAND USE: Industrial | land use pending 5-year review. | |
| 6. | CHECK THE INSTITUTIONAL C | ONTROLS REQUIRED FOR THE | SITE: |
| | Visible Access Restrictions: | | |
| | Warning SignsX | | |
| | Fencing XX | | |
| | Control of Activities | | |
| | Unauthorized accessX | | |
| | Comprehensive Land Use Plan | _X | |
| | Property lease or transfer restriction | s | |
| | IDWR prohibition on wells | | |
| | Notice to affected stakeholders (if a | pplicable) | _ |
| 7. | CHECK THE INSTITUTIONAL C | ONTROLS OBSERVED FOR THE | SITE: |
| | Visible Access Restrictions: | | |

| | Warning SignsX |
|-----|--|
| | FencingX |
| | Control of Activities |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictions |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: No specific remedial actions planned for this site. Institutional controls will remain in effect until 5-year review. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes _EXPLAIN_CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN One avenue of approach with sign posted |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED?Yes - PBF facility fence with gated access |
| 17. | ARE FENCES INTACT (if applicable)? _YesEXPLAIN |
| 18. | ARE REQUIRED BOUNDARY MONUMENTS INTACT AND READABLE (if applicable)? _N/AEXPLAIN |

| 19. | ARE MONITORING WELLS [IDENTIFIED IN 7] GROUNDWATER MONITORING REPORT (DO applicable)?N/A | DE-ID 2000b)] LOCKED (if | |
|-----------|---|---|--|
| 20. | ARE ANY NON-CERCLA WELLS (DOE-ID 200 RESTRICTION AREA? IF YES, DESCRIBE THOPERATE UNDER. | 00b) OPERATING IN THE GROUNDWATER IC IE WELLS AND WHAT PROGRAM(S) THEY | |
| | N/A | | |
| 21. | ARE SITE VISITORS CONTROLLED THROUGONLY IC RESTRICTION AREA?Yes | | |
| 22. | ARE WORKERS IN RADIOLOGICALLY CONT APPROVED WORK PERMIT?N/A | TROLLED IC AREAS OPERATING UNDER AN | |
| 23. | ARE ONLY DOE-RAD WORKER TRAINED IN RADIOLOGICALLY CONTROLLED AREAS? | | |
| 24. | 24. ARE DOE-ID DIRECTIVES AND PROCEDURES IMPLEMENTING IC RESTRICTIONS IN PLACE?YesLIST THE APPLICABLE DOE-ID DIRECTIVES AND PROCEDURES: | | |
| | TYPE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE | |
| | O&M Plan for OU 5-12 | DOE/ID-10805 | |
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| | | | |
| 25. | HAVE REQUIRED NOTICES BEEN SENT TO A APPLICABLE)?N/A | AFFECTED STAKEHOLDERS (IF | |
| <u>DF</u> | CFICIENCIES: | | |
| 26. | PROVIDE A DESCRIPTION OF ANY DEFICIED HAVE BEEN OR WILL BE TAKEN TO CORRESPONDED | | |
| <u>IM</u> | PROVEMENTS: | | |
| 27. | DESCRIPE ANN ADDITIONAL IS REQUIRED. | TENTE THAT MAN DE NECECCARY DUE TO | |
| | DESCRIBE ANY ADDITIONAL IC REQUIREM UNIQUE CIRCUMSTANCES OBSERVED DUR | | |

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| Inspector signature | Date |

| D A | ATE/TIME: July 11, 2002 | | |
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| IN | SPECTOR: | | |
| | Richard P. Wells | Advisory Scientist | <u>31B0</u> |
| | Name | Title | Organization |
| IN | SPECTOR: | | |
| | Name | Title | Organization |
| 1. | WASTE SITE ID: PBF-26 | | |
| 2. | GROUP NUMBER (if applicable): | 6 | |
| 3. | SITE DESCRIPTION: PBF SPER | Γ-IV Lake | |
| 4. | ROD LAND USE: Restrict the site 5-year review. | to industrial land use until discontin | nued based on the results of a |
| 5. | CURRENT LAND USE: Industrial | land use pending 5-year review. | |
| 6. | CHECK THE INSTITUTIONAL C | ONTROLS REQUIRED FOR THE | SITE: |
| | Visible Access Restrictions: | | |
| | Warning SignsX | | |
| | FencingX | | |
| | Control of Activities | | |
| | Unauthorized accessX | | |
| | Comprehensive Land Use Plan | _X | |
| | Property lease or transfer restriction | s | |
| | IDWR prohibition on wells | | |
| | Notice to affected stakeholders (if a | pplicable) | - |
| 7. | CHECK THE INSTITUTIONAL C | ONTROLS OBSERVED FOR THE | SITE: |
| | Visible Access Restrictions: | | |

| | Warning SignsX |
|-----|--|
| | FencingX |
| | Control of Activities |
| | Unauthorized accessX |
| | Comprehensive Land Use PlanX |
| | Property lease or transfer restrictions |
| | IDWR prohibition on wells |
| | Notice to affected stakeholders (if applicable) |
| 8. | ARE THE INSTITUTIONAL CONTROLS OPERATIONAL AND FUNCTIONAL?YES |
| 9. | ARE SURVEYED MAPS OF THE SITE AVAILABLE? YES _X NO |
| | Provide Map Number(s) |
| 10. | TAKE PHOTOGRAPHS OF EACH SITE, IDENTIFY THE DATE, TIME, LOCATION AND COMPASS ORIENTATION OF EACH PHOTOGRAPH IN A PHOTOGRAPHIC LOG. [SEE ATTACHED PHOTO NUMBER LOG] |
| 11. | PROVIDE THE CURRENT STATUS OF ANY REMEDIAL ACTIONS AT THE SITE, e.g., REMEDIAL DESIGN, CONSTRUCTION, O&M, ETC: No specific remedial actions planned for this site. Institutional controls will remain in effect until 5-year review. |
| 12. | IS THERE ANY EVIDENCE OF HUMAN INTRUSION (i.e. excavation marks, changes in features of original cover)?NoEXPLAIN |
| 13. | DO WARNING SIGNS CLEARLY IDENTIFY WHAT THE RISK-BASED CONCERNS ARE? _Yes_EXPLAIN_CERCLA sign present |
| 14. | ARE WARNING SIGNS VISIBLE FROM ALL AVENUES OF APPROACH TO THE IC CONTROLLED AREA?Yes EXPLAIN One avenue of approach with sign posted |
| 15. | ARE REQUIRED SIGNS INTACT AND READABLE? _YesEXPLAIN |
| 16. | ARE IC FENCED AREAS COMPLETELY FENCED AND GATE(S) LOCKED?Yes - PBF facility fence with gated access |
| 17. | ARE FENCES INTACT (if applicable)? _YesEXPLAIN |
| 18. | ARE REQUIRED BOUNDARY MONUMENTS INTACT AND READABLE (if applicable)? N/A EXPLAIN |

| 19. | ARE MONITORING WELLS [IDENTIFIED IN THE MAP PROVIDED IN THE GROUNDWATER MONITORING REPORT (DOE-ID 2000b)] LOCKED (if applicable)?N/A | | | | |
|-----------|--|--------------|--|--|--|
| 20. | ARE ANY NON-CERCLA WELLS (DOE-ID 2000b) OPERATING IN THE GROUNDWATER IC RESTRICTION AREA? IF YES, DESCRIBE THE WELLS AND WHAT PROGRAM(S) THEY OPERATE UNDER. | | | | |
| | N/A | | | | |
| 21. | . ARE SITE VISITORS CONTROLLED THROUGH BADGING FOR AUTHORIZED ACCESS ONLY IC RESTRICTION AREA?Yes | | | | |
| 22. | . ARE WORKERS IN RADIOLOGICALLY CONTROLLED IC AREAS OPERATING UNDER AN APPROVED WORK PERMIT?N/A | | | | |
| 23. | 3. ARE ONLY DOE-RAD WORKER TRAINED INDIVIDUALS OPERATING IN RADIOLOGICALLY CONTROLLED AREAS?N/A | | | | |
| 24. | . ARE DOE-ID DIRECTIVES AND PROCEDURES IMPLEMENTING IC RESTRICTIONS IN PLACE?YesLIST THE APPLICABLE DOE-ID DIRECTIVES AND PROCEDURES: | | | | |
| | TYPE (DOE-ID Directive, Management Control Procedure, Plan, Etc.) | NUMBER/TITLE | | | |
| | O&M Plan for OU 5-12 | DOE/ID-10805 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 25. | 5. HAVE REQUIRED NOTICES BEEN SENT TO AFFECTED STAKEHOLDERS (IF APPLICABLE)?N/A | | | | |
| <u>DI</u> | EFICIENCIES: | | | | |
| • | 6. PROVIDE A DESCRIPTION OF ANY DEFICIENCIES AND WHAT EFFORTS OR MEASURES HAVE BEEN OR WILL BE TAKEN TO CORRECT PROBLEMS:No Deficiencies noted | | | | |
| 26. | HAVE BEEN OR WILL BE TAKEN TO CORRE | | | | |
| | HAVE BEEN OR WILL BE TAKEN TO CORRE | | | | |

| (Signature on File) | |
|---------------------|------|
| Inspector signature | Date |
| Inspector signature | Date |

SITE INSPECTION PHOTO NUMBER LOG

| WASTE SITE ID:See Below | GROUP NUMBER: refer to checklists |
|------------------------------------|-----------------------------------|
| DATE:July 11 and 18, 2002 | TIME OF DAY(if applicable): _N/A |
| WEATHER CONDITIONS:Sunny and warm | |
| ROLL NUMBER: _N/A – Digital camera | FILM TYPE: _N/A |
| NUMBER OF EXPOSURES: | |

| PHOTO NUMBER | LOCATION AND DIRECTION | DESCRIPTION |
|-----------------|------------------------|--|
| PD020333-10.jpg | ARA-01 — SSE | ARA-I Chemical Evaporation Pond |
| PD020333-11.jpg | ARA-02 — SSE | ARA-I Sanitary Waste System |
| PD020333-13.jpg | ARA-03 — NE | ARA-I Lead Sheeting Pad near ARA-627 |
| PD020333-19.jpg | ARA-06 — E | SL-1 Burial Ground |
| PD020333-16.jpg | ARA-07 — NW | ARA-II Seepage Pit to the east |
| PD020333-08.jpg | ARA-08 — E | ARA-II Seepage Pit to the west |
| PD020333-05.jpg | ARA-12 — SW | ARA-III Radioactive Waste Leach Pond |
| PD020333-14.jpg | ARA-16 — NE | ARA-I Radionuclide Tank |
| PD020333-09.jpg | ARA-23 — E | ARA-II Radiologically Contaminated Surface Soils |
| PD020333-07.jpg | ARA-24 — NE | ARA-III Windblown Soil |
| PD020333-15.jpg | ARA-15 — NE | ARA-I Soil beneath the ARA-626 Hot Cells |
| PD020318-12.jpg | PBF-10— NE | PBF Reactor Area Evaporation Pond (PBF-733) |
| PD020318-10.jpg | PBF-12 — SW | PBF SPERT-I Leach Pond |
| PD020318-16.jpg | PBF-13 — NE | PBF Reactor Area Rubble Pit |
| PD020318-37.jpg | PBF-21 — E | PBF SPERT-III Large Leach Pond |
| PD020318-42.jpg | PBF-22 — ESE | PBF SPERT-IV Leach Pond (PBF-758) |
| PD020318-45.jpg | PBF-26 — SSE | PBF SPERT-IV Lake |